

Webster County, West Virginia
Table E2.--Forestland Management and Productivity

Print date: 06/21/2002

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber cu ft/ac	
At: Atkins-----	5W	Slight	Severe	Severe	Severe	---	American sycamore--- pin oak----- red maple-----	--- 88 ---	--- 72.00 ---	---
CaE: Cateache-----	4R	Moderate	Severe	Slight	Moderate	---	black cherry----- cucumbertree----- northern red oak--- sugar maple----- yellow poplar-----	80 80 80 80 ---	57.00 --- 57.00 --- ---	---
CeF: Cedarcreek-----	4R	Severe	Severe	Severe	Moderate	---	American sycamore--- black locust----- eastern white pine-- northern red oak--- yellow poplar-----	90 91 94 80 105	--- --- 172.00 57.00 114.00	---
Ch: Chavies-----	4A	Slight	Slight	Slight	Moderate	---	black cherry----- black walnut----- northern red oak--- red maple----- sugar maple----- white oak----- yellow poplar-----	--- --- 80 --- --- --- 93	--- --- 57.00 --- --- --- 100.00	---
CoB: Cotaco-----	5A	Slight	Slight	Slight	Severe	---	American beech----- black walnut----- northern red oak--- yellow poplar-----	--- 87 87 95	--- 72.00 72.00 100.00	---
Cr: Craigsville-----	4F	Slight	Slight	Moderate	Moderate	---	Virginia pine----- northern red oak--- yellow poplar-----	80 80 95	114.00 57.00 100.00	---

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		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber cu ft/ac	
DkC: Dekalb-----	4X	Slight	Slight	Moderate	Moderate	---	black cherry----- hickory----- northern red oak---- red maple----- white oak-----	83 --- 69 --- 71	--- --- 57.00 --- ---	---
DrF: Dekalb-----	4R	Severe	Severe	Moderate	Moderate	---	northern red oak---- white oak-----	69 71	57.00 57.00	---
Rock Outcrop-----	---	---	---	---	---	---	---	---	---	---
Ek: Elkins-----	5W	Slight	Severe	Severe	Severe	---	black willow----- pin oak----- yellow poplar-----	--- 94 90	--- 72.00 86.00	---
FeC: Fenwick-----	4A	Slight	Slight	Slight	Moderate	---	black cherry----- hickory----- northern red oak---- sugar maple----- white ash----- yellow poplar-----	85 --- 75 80 85 90	57.00 --- 57.00 57.00 57.00 86.00	---
GaC: Gauley-----	6X	Slight	Severe	Severe	Severe	---	red maple----- red spruce----- yellow birch-----	--- 42 ---	--- 86.00 ---	---
GaE: Gauley-----	6X	Moderate	Severe	Severe	Moderate	---	red maple----- red spruce----- yellow birch-----	--- 42 ---	--- 86.00 ---	---
GbB: Gilpin-----	4A	Slight	Slight	Slight	Moderate	---	northern red oak---- white oak----- yellow poplar-----	80 74 95	57.00 57.00 100.00	---

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		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
GbC: Gilpin-----	4A	Slight	Slight	Slight	Moderate	---	northern red oak----	80	57.00	---
							white oak-----	74	57.00	
							yellow poplar-----	95	100.00	
GbD: Gilpin-----	4R	Moderate	Moderate	Slight	Moderate	---	northern red oak----	80	57.00	---
							white oak-----	74	57.00	
							yellow poplar-----	95	100.00	
GbE: Gilpin-----	4R	Moderate	Moderate	Slight	Moderate	---	northern red oak----	80	57.00	---
							white oak-----	74	57.00	
							yellow poplar-----	95	100.00	
GbF: Gilpin-----	4R	Severe	Severe	Slight	Moderate	---	northern red oak----	80	57.00	---
							white oak-----	74	57.00	
							yellow poplar-----	95	100.00	
GcC: Gilpin-----	4A	Slight	Slight	Slight	Moderate	---	northern red oak----	80	57.00	---
							white oak-----	74	57.00	
							yellow poplar-----	95	100.00	
GcF: Gilpin-----	4R	Severe	Severe	Slight	Moderate	---	northern red oak----	80	57.00	---
							white oak-----	74	57.00	
							yellow poplar-----	95	100.00	
GdE: Gilpin-----	4R	Moderate	Moderate	Slight	Moderate	---	northern red oak----	80	57.00	---
							red maple-----	---	---	
							sugar maple-----	---	---	
							yellow poplar-----	95	100.00	
Dekalb-----	4R	Moderate	Moderate	Moderate	Moderate	---	northern red oak----	69	29.00	---
							red maple-----	---	---	
							sugar maple-----	---	---	
							sweet birch-----	---	---	
							yellow poplar-----	95	100.00	

Table E2.--Forestland Management and Productivity--Continued

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		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
GLF: Gilpin-----	4R	Severe	Severe	Slight	Moderate	---	northern red oak----	80	57.00	---
							red maple-----	---	---	
							sugar maple-----	---	---	
							yellow poplar-----	95	100.00	
Laidig-----	4R	Severe	Severe	Slight	Slight	---	American basswood---	---	---	---
							northern red oak----	80	57.00	
							sugar maple-----	80	57.00	
							white oak-----	80	57.00	
							yellow poplar-----	90	86.00	
ItF: Itmann-----	---	Severe	Severe	Severe	Slight	---	Virginia pine-----	---	---	---
							black locust-----	---	---	
							eastern white pine--	---	---	
KaF: Kaymine-----	4R	Severe	Severe	Severe	Moderate	---	black locust-----	---	---	---
							eastern white pine--	94	172.00	
							northern red oak----	80	57.00	
LaC: Laidig-----	4A	Slight	Slight	Slight	Moderate	---	northern red oak----	80	57.00	---
							sugar maple-----	80	57.00	
							white oak-----	80	57.00	
							yellow poplar-----	90	86.00	
LaD: Laidig-----	4R	Slight	Moderate	Slight	Moderate	---	northern red oak----	80	57.00	---
							sugar maple-----	80	57.00	
							white oak-----	80	57.00	
							yellow poplar-----	90	86.00	
LdC: Laidig-----	4X	Slight	Slight	Slight	Slight	---	American basswood---	---	---	---
							northern red oak----	80	57.00	
							sugar maple-----	80	57.00	
							white oak-----	80	57.00	
							yellow poplar-----	90	86.00	

Table E2.--Forestland Management and Productivity--Continued

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		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber cu ft/ac	
LdE: Laidig-----	4X	Slight	Moderate	Slight	Slight	---	American basswood--- northern red oak--- sugar maple----- white oak----- yellow poplar-----	--- 80 80 80 90	--- 57.00 57.00 57.00 86.00	---
LgE: Laidig-----	4X	Moderate	Moderate	Moderate	Moderate	---	American basswood--- black cherry----- northern red oak--- sugar maple----- yellow poplar-----	--- 95 80 80 90	--- 57.00 57.00 57.00 86.00	---
MaC: Mandy-----	4F	Slight	Slight	Slight	Moderate	---	black cherry----- red maple----- red spruce----- yellow birch-----	80 --- 65 ---	57.00 --- 143.00 ---	---
MaE: Mandy-----	4R	Moderate	Moderate	Slight	Moderate	---	black cherry----- red maple----- red spruce----- yellow birch-----	80 --- 65 ---	57.00 --- 143.00 ---	---
MaF: Mandy-----	4R	Severe	Severe	Slight	Moderate	---	black cherry----- red maple----- red spruce----- yellow birch-----	80 --- 65 ---	57.00 --- 143.00 ---	---
MaG: Mandy-----	4R	Severe	Severe	Slight	Moderate	---	black cherry----- red maple----- red spruce----- yellow birch-----	80 --- 65 ---	57.00 --- 143.00 ---	---
MkE: Meckesville-----	5R	Moderate	Moderate	Slight	Severe	---	American basswood--- black cherry----- northern red oak--- white oak----- yellow poplar-----	--- --- 90 --- 105	--- --- 72.00 --- 114.00	---

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		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Pe: Philo-----	5W	Slight	Moderate	Slight	Severe	---	American sycamore----	85	114.00	---
							northern red oak----	86	72.00	
							white oak-----	85	72.00	
							yellow poplar-----	102	114.00	
Pope-----	4A	Slight	Moderate	Slight	Severe	---	American sycamore----	---	---	---
							northern red oak----	---	---	
							white oak-----	80	57.00	
							yellow poplar-----	104	114.00	
PgG: Pineville-----	5R	Severe	Severe	Slight	Moderate	---	American basswood----	---	---	---
							cucumbertree-----	---	---	
							hickory-----	---	---	
							northern red oak----	88	72.00	
							sugar maple-----	---	---	
							yellow poplar-----	112	129.00	
Gilpin-----	4R	Severe	Severe	Slight	Moderate	---	cucumbertree-----	---	---	---
							northern red oak----	80	57.00	
							sugar maple-----	---	---	
							yellow poplar-----	95	100.00	
PLF: Pineville-----	5R	Severe	Severe	Slight	Moderate	---	American basswood----	---	---	---
							cucumbertree-----	---	---	
							hickory-----	---	---	
							northern red oak----	88	72.00	
							sugar maple-----	---	---	
							yellow poplar-----	112	129.00	
Gilpin-----	4R	Severe	Severe	Slight	Moderate	---	cucumbertree-----	---	---	---
							northern red oak----	80	57.00	
							sugar maple-----	---	---	
							yellow poplar-----	95	100.00	
Guyandotte-----	5R	Severe	Severe	Severe	Severe	---	American basswood----	110	57.00	---
							black cherry-----	114	57.00	
							northern red oak----	95	72.00	
							yellow poplar-----	114	114.00	

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		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Po: Pope-----	4A	Slight	Moderate	Slight	Severe	---	American sycamore--- northern red oak--- white oak----- yellow poplar-----	--- --- 80 104	--- --- 57.00 114.00	---
Pp: Pope-----	4A	Slight	Moderate	Slight	Severe	---	American sycamore--- northern red oak--- white oak----- yellow poplar-----	--- --- 80 104	--- --- 57.00 114.00	---
Potomac-----	4F	Slight	Moderate	Moderate	Moderate	---	American sycamore--- black walnut----- northern red oak--- white oak----- yellow poplar-----	--- --- 70 70 90	--- --- 57.00 57.00 86.00	---
ScF: Shouns-----	4R	Severe	Severe	Slight	Moderate	---	American basswood--- northern red oak--- red maple----- white oak----- yellow poplar-----	--- 80 --- --- 90	--- 57.00 --- --- 86.00	---
Cateache-----	4R	Severe	Severe	Slight	Moderate	---	black cherry----- cucumbertree----- northern red oak--- sugar maple----- yellow poplar-----	80 80 80 80 80	57.00 --- 57.00 57.00 72.00	---
SmC: Simoda-----	3X	Slight	Slight	Severe	Moderate	---	black cherry----- red maple----- red spruce----- yellow birch-----	60 --- 45 ---	43.00 --- 100.00 ---	---
SwE: Snowdog-----	4R	Moderate	Moderate	Slight	Moderate	---	black cherry----- red maple----- red spruce----- yellow birch-----	80 --- 65 ---	57.00 --- 143.00 ---	---

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